JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 215 (1986)

AUTHOR INDEX

Amatore, C.A. 49
Andricacos, P.C. 151
Ang, K.P. 123
Anson, F.C. 11
Ariño, C. 103
Arvia, A.J. 317

Baranski, A.S. 237
Bezegh, A. 139
Bowers, M.L. 11
Brillas, E. 293

Casassas, E. 103
Coen, S. 29
Cope, D.K. 29

Deakin, M.R. 49
Drogowska, M.A. 237

Esteban, M. 103

Fawcett, W.R. 237
Feldberg, S.W. 11
Fichou, D. 161
Fletcher, S. 1
Foley, J.K. 273

Gómez, E. 345
Gunasingham, H. 123

Hatta, A. 93
Hodges, A.M. 63
Horányi, G. 369
Horányi, T.S. 83

Ipohorski, M. 317
Itoh, K. 209

Iwasita, T. 357

Janata, J. 139

Kaya, M. 401
Khoo, S.B. 273
Kilpatrick, N.W. 63
Kirsch-De-Mesmaeker, A. 161
Kitani, A. 401
Kötz, E.R. 331
Koyama, T. 209
Kunai, A. 401

Lakshminarayanan, V. 393
Leiva, E.P.M. 357
Lindholm, B. 385
Ludvík, J. 179

McTigue, P. 63
Malmsten, R.A. 223
Miller, B. 249, 261
Morrison, B. 151
Müller, C. 345
Müller, K. 331

Neff, H. 331
Ngo, C.C. 123

Ohsaka, T. 191
Okajima, T. 191
Oyama, N. 191

Pacocha, J. 307
Perdriel, C.L. 317
Perera, J.M. 63

Pragst, F. 179
Pons, S. 273

Rajagopalan, S.R. 393
Rizmayer, E.M. 369
Rosamilia, J.M. 249, 261
Ross, P.N., Jr. 151
Ruiz, J.J. 293

Santos, E. 357
Sasaki, K. 401
Sasaki, Y. 93
Schiavon, G. 377
Sharp, M. 385
Śledzik, J. 287
Smith, C.P. 223
Sobkowski, J. 307
Striebel, K. 151
Suëtaka, W. 93
Szklarczyk, M. 307

Takács, M. 83
Tallman, D.E. 29
Taraszewska, J. 287
Tomat, R. 377

Vallés, E. 345
Van den Berg, C.M.G. 111
Volke, J. 179

White, H.S. 223
Wightman, R.M. 49

Yano, J. 401

Zecchin, S. 377
Zotti, G. 377

JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY, VOLUME 215 (1986)

SUBJECT INDEX

p-Aminodiphenylamine,
growth mechanism in the electropolymerization of aniline and ——— (Sasaki et al.) 401

Aniline,
growth mechanism in the electropolymerization of ——— and *p*-aminodiphenylamine (Sasaki et al.) 401

Anodic stripping voltammetry,
dc ——— at the mercury-film wall–jet electrode (Gunasingham et al.) 123

Band electrode,
diffusion current at a ——— by an integral equation method (Coen et al.) 29
Electrochemical kinetics at microelectrodes. Part II. Cyclic voltammetry at ——— (Deakin et al.) 49

Birth process,
nucleation on active sites. Part III. Nucleation modelled as a pure ——— and nucleation modelled as a birth-and-death process (Fletcher) 1

Cadmium,
cathodic generation of $CdSe_xTe_{1-x}$ at Te film electrodes (Rosamilia, Miller) 249
Determination of copper, ——— and lead in seawater by cathodic stripping voltammetry of complexes with 8-hydroxyquinoline (Van den Berg) 111

Calcium,
radiotracer study of the adsorption of CN^- ions and simultaneous adsorption of ——— and CN^- ions at a platinized platinum electrode in alkaline medium. Novel experimental evidence for cation adsorption induced by strongly chemisorbed anions (Horányi, Rizmayer) 369

Carbon monoxide,
effect of adsorbed ——— on hydrogen adsorption and hydrogen evolution on platinum (Leiva et al.) 357

Cathodic stripping voltammetry,
determination of copper, cadmium and lead in seawater by ——— of complexes with 8-hydroxyquinoline (Van den Berg) 111
——— of thioether acids. Methylthioacetic and 2,2′-thiobisacetic acids (Casassas et al.) 103

Cobalt,
pulsed laser induced photopotentials at the ———-photosensitized ZnO/electrolyte interface (Fichou et al.) 161

Copper,
determination of ———, cadmium and lead in seawater by cathodic stripping voltammetry of complexes with 8-hydroxyquinoline (Van den Berg) 111

Corrosion rates,
measurement of ——— by the large-amplitude exponential relaxation technique (Lakshminarayanan, Rajagopalan) 393

Cyanide,
polarization modulation infrared spectroscopic measurements of thiocyanate and ——— at the silver electrode/aqueous electrolyte interface by means of Kretschmann's ATR prism configuration (Hatta et al.) 93
Radiotracer study of the adsorption of ——— ions and simultaneous adsorption of Ca^{2+} and CN^- ions at a platinized platinum electrode in alkaline medium. Novel experimental evidence for cation adsorption induced by strongly chemisorbed anions (Horányi, Rizmayer) 369

2-Cyclohexen-1-one,
reduction of ——— in aqueous media on a mercury electrode (Brillas, Ruiz) 293

Cytochrome-*c*,
electrocatalytic oxidation of ——— at a quaternized poly-4-vinylchloride/ferricyanide modified gold surface (Lindholm, Sharp) 385

4,4′-Dibromobenzophenone,
redox polymer films from cathodic coupling of ——— and 2,7-dibromofluorenone (Zecchin et al.) 377
2,7-Dibromofluorenone,
redox polymer films from cathodic coupling of 4,4′-dibromobenzophenone and ——— (Zecchin et al.) 377
1,4-Dihydropyridines,
investigation of two radical intermediates in the anodic oxidation of ——— by electrochemiluminescence (Ludvík et al.) 179
Dimethylsulphoxide,
influence of temperature on the kinetics of Zn(II) electroreduction from water + ——— mixtures (Taraszewska, Śledzik) 287

Ferricyanide,
electrocatalytic oxidation of cytochrome-*c* at a quaternized poly-4-vinylchloride/——— modified gold surface (Lindholm, Sharp) 385
Ferron,
phase transitions in mercury–quinoline derivative systems. Anodic electrocrystallization processes in aqueous ——— solutions (Gómez et al.) 345
Ferrous/ferric sulfate,
kinetic studies using a rotating cylinder electrode. Part I. Electron transfer rates in ——— on platinum (Morrisson et al.) 151
Formic acid,
adsorption and reduction of ——— on p-type silicon electrodes (Szklarczyk et al.) 307

Gallium
application of a modified version of the streaming method for the determination of the pzc of liquid ——— (Horányi, Takács) 83
Gold,
electrocatalytic oxidation of cytochrome-*c* at a quaternized poly-4-vinylchloride/ferricyanide modified ——— surface (Lindholm, Sharp) 385
Electrochemical faceting of polycrystalline ——— in 1 *M* H_2SO_4 (Perdriel et al.) 317
UPS, XPS and work function study of emersed silver, platinum and ——— electrodes (Kötz et al.) 331
Graphite,
electrode kinetics of metal complexes confined in electropolymerized poly(*N*,*N*-dialkyl substituted aniline) films on ——— surfaces (Ohsaka et al.) 191

Hopscotch-finite-difference simulation,
——— of the rotating ring–disc electrode (Feldberg et al.) 11
Hydrogen,
effect of adsorbed carbon monoxide on ——— adsorption and hydrogen evolution on platinum (Leiva et al.) 357
Hydrogen telluride,
voltammetric studies of tellurium film and ——— formation in acidic tellurite solution (Rosamilia, Miller) 261

Integral equation method,
diffusion current at a band electrode by an ——— (Coen et al.) 29

Kretschmann's ATR prism configuration,
polarization modulation infrared spectroscopic measurements of thiocyanate and cyanide at the silver electrode/aqueous electrolyte interface by ——— (Hatta et al.) 93

Lead,
determination of copper, cadmium and ——— in seawater by cathodic stripping voltammetry of complexes with 8-hydroxyquinoline (Van den Berg) 111
Lithium,
kinetics of electroreduction of ——— ions in tetrahydrofuran at mercury and mercury amalgam electrodes (Baranski et al.) 237

Mercury,
kinetics of electroreduction of lithium ions in tetrahydrofuran at ——— and mercury amalgam electrodes (Baranski et al.) 237
Phase transitions in ———-quinoline derivative systems. Anodic electrocrystallization processes in aqueous ferron solutions (Gómez et al.) 345
Reduction of 2-cyclohexen-1-one in aqueous media on a ——— electrode (Brillas, Ruiz) 293

Mercury-film wall–jet electrode,
dc anodic stripping voltammetry at the ——— (Gunasingham et al.) 123
Metal complexes,
electrode kinetics of ——— confined in electropolymerized poly(*N*,*N*-dialkyl substituted aniline) films on graphite surfaces (Ohsaka et al.) 191
Methanol,
solvation potential at the interface between water and ——— + water mixtures (Hodges et al.) 63
Microelectrodes,
diffusional impedance of stationary ——— (Bezegh, Janata) 139
Electrochemical kinetics at ———. Part II. Cyclic voltammetry at band electrodes (Deakin et al.) 49

Nitrobenzene,
electrochemistry of concentrated organic redox solutions (Malmsten et al.) 223
Nucleation,
——— on active sites. Part III. Nucleation modelled as a pure birth process and nucleation modelled as a birth-and-death process (Fletcher) 1

Organic redox solutions,
electrochemistry of concentrated ——— (Malmsten et al.) 223

Photopotentials,
pulsed laser-induced ——— at the cobalt-photosensitized ZnO/electrolyte interface (Fichou et al.) 161
Platinum,
effect of adsorbed carbon monoxide on hydrogen adsorption and hydrogen evolution on ——— (Leiva et al.) 357
Kinetic studies using a rotating cylinder electrode. Part I. Electron transfer rates in ferrous/ferric sulfate on ——— (Morrison et al.) 151
Radiotracer study of the adsorption of CN^- ions and simultaneous adsorption of Ca^{2+} and CN^- ions at a platinized ——— electrode in alkaline medium. Novel experimental evidence for cation adsorption induced by strongly chemisorbed anions (Horányi, Rizmayer) 369
UPS, XPS and work function study of emersed silver, ——— and gold electrodes (Kötz et al.) 331
Polymer films,
redox ——— from cathodic coupling of 4,4′-dibromobenzophenone and 2,7-dibromofluorenone (Zecchin et al.) 377
Poly(*N*,*N*-dialkyl substituted aniline) films,
electrode kinetics of metal complexes confined in electropolymerized ——— on graphite surfaces (Ohsaka et al.) 191
Poly-4-vinylchloride,
electrocatalytic oxidation of cytochrome-*c* at a quaternized ———/ferricyanide modified gold surface (Lindholm, Sharp) 385
Pulsed laser-induced photopotentials,
——— at the cobalt-photsensitized ZnO/electrolyte interface (Fichou et al.) 161

Quinoline,
phase transitions in mercury–——— derivative systems. Anodic electrocrystallization processes in aqueous ferron solutions (Gómez et al.) 345

Ring–disc electrode,
hopscotch-finite-difference simulation of the rotating ——— (Feldberg et al.) 11
Rotating cylinder electrode,
kinetic studies using a ———. Part I. Electron transfer rates in ferrous/ferric sulfate on platinum (Morrison et al.) 151
Rotating ring–disc electrode,
hopscotch-finite-difference simulation of the ——— (Feldberg et al.) 11

Selenium,
cathodic generation of $CdSe_xTe_{1-x}$ at Te film electrodes (Rosamilia, Miller) 249
Silicon,
adsorption and reduction of formic acid on p-type ——— electrodes (Szklarczyk et al.) 307
Silver,
comparison of electrochemical redox processes on ——— electrode surfaces between *meso*-tetrakis(2-*N*-methylpyridyl) porphine and *meso*-tetrakis(4-*N*-methylpyridyl)porphine. Study by surface-enhanced resonance Raman scattering spectroscopy (Koyama, Itoh) 209
Polarization modulation infrared spectro-

scopic measurements of thiocyanate and cyanide at the ——— electrode/aqueous electrolyte interface by means of Kretschmann's ATR prism configuration (Hatta et al.) 93
UPS, XPS and work function study of emersed ———, platinum and gold electrodes (Kötz et al.) 331
Solvation potential,
——— at the interface between water and methanol + water mixtures (Hodges et al.) 63
Stationary microelectrodes,
diffusional impedance of ——— (Bezegh, Janata) 139
Streaming method,
application of a modified version of the ——— for the determination of the pzc of liquid gallium (Horányi, Takács) 83
Sulphuric acid,
electrochemical faceting of polycrystalline gold in 1 *M* ——— (Perdriel et al.) 317
Surface-enhanced resonance Raman scattering spectroscopy,
comparison of electrochemical redox processes on silver electrode surfaces between *meso*-tetrakis(2-*N*-methylpyridyl)porphine and *meso*-tetrakis(4-*N*-methylpyridyl)porphine. Study by ——— (Koyama, Itoh) 209

Tellurium,
cathodic generation of $CdSe_xTe_{1-x}$ at ——— film electrodes (Rosamilia, Miller) 249
Voltammetric studies of ——— film and hydrogen telluride formation in acidic tellurite solution (Rosamilia, Miller) 261
Tetracyanoethylene,
electrolyte effects on the cyclic voltammetry of TCNQ and ——— (Khoo et al.) 273
Tetracyanoquinodimethane,
electrolyte effects on the cyclic voltammetry of ——— and TCNE (Khoo et al.) 273
Tetrahydrofuran,
kinetics of electroreduction of lithium ions in ——— at mercury and mercury amalgam electrodes (Baranski et al.) 237
meso-Tetrakis-(2-*N*-methylpyridyl)porphine,
comparison of electrochemical redox processes on silver electrode surfaces between ——— and *meso*-tetrakis(4-*N*-methylpyridyl)porphine. Study by surface-enhanced resonance Raman scattering spectroscopy (Koyama, Itoh) 209
Thiocyanate,
polarization modulation infrared spectroscopic measurements of ——— and cyanide at the silver electrode/aqueous electrolyte interface by means of Kretschmann's ATR prism configuration (Hatta et al.) 93
Thioether acids,
cathodic stripping voltammetry of ———. Methylthioacetic and 2,2′-thiobisacetic acids (Casassas et al.) 103

Wall–jet electrode,
dc anodic stripping voltammetry at the mercury-film ——— (Gunasingham et al.) 123
Water,
solvation potential at the interface between ——— and methanol + water mixtures (Hodges et al.) 63

Zinc,
influence of temperature on the kinetics of ———(II) electroreduction from water + dimethylsulphoxide mixtures (Taraszewska, Śledzik) 287
Zinc oxide,
pulsed laser-induced photopotentials at the cobalt-photosensitized ——— /electrolyte interface (Fichou et al.) 161